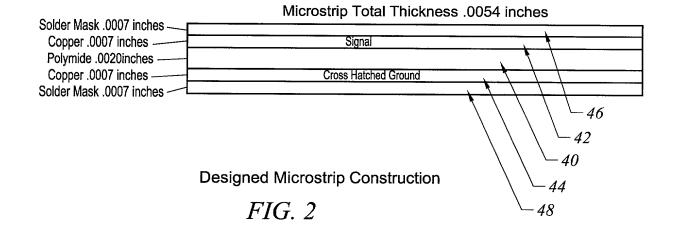
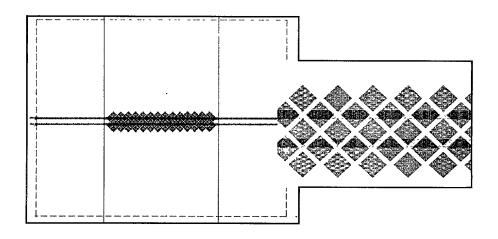


-32 -30 Microstrip Total Thickness .0064 inches Ground Signal Solder Mask .0010 inches —
Copper .0007 inches —
Polyimide .0030 inches —
Copper .0007 inches —
Solde Mask .0010 inches —

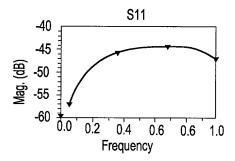
FIG. 1B

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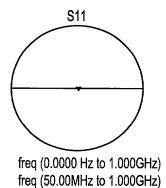


Simulation Set Up for 50 ohm Transmission Line $FIG. \ \ 3$



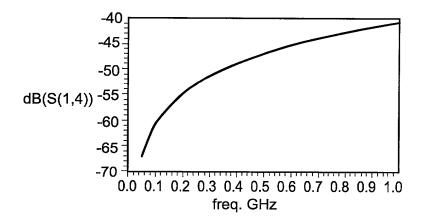
Simulation Results for 50 ohm Transmission Line-Amount of Reflection with a Transmission Line Terminated with 50 ohms

FIG. 4



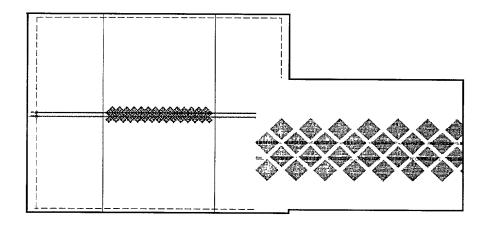
Simulation Results for 50 ohms Transmission Line-Amount of Reflection with a Transmission Line 50 ohms Plotted on a Smith Chart

FIG. 5

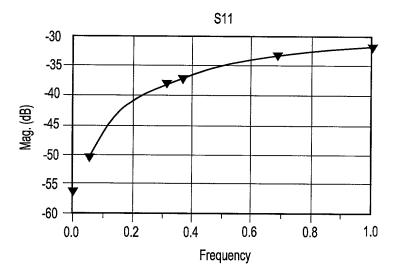


Simulation Results for 50 ohm Transmission line-Isolation Between adjacent Traces

FIG. 6

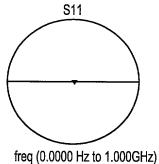


75 ohm Transmission Line Simulation Set Up $FIG.\ 7$



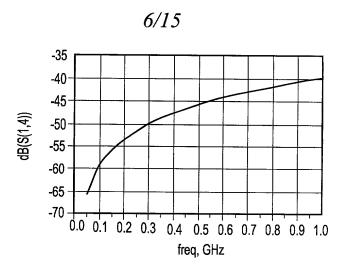
Simulation Results for 75 ohm Transmission Line-Amount of Reflection with a Transmission Line Terminated with 75 ohms

FIG. 8

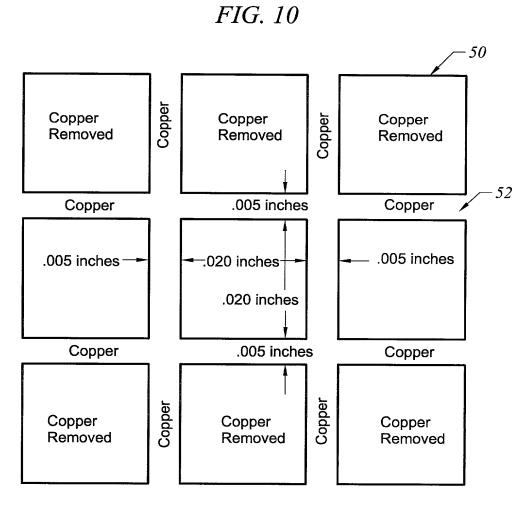


freq (50.00MHz to 1.000GHz)

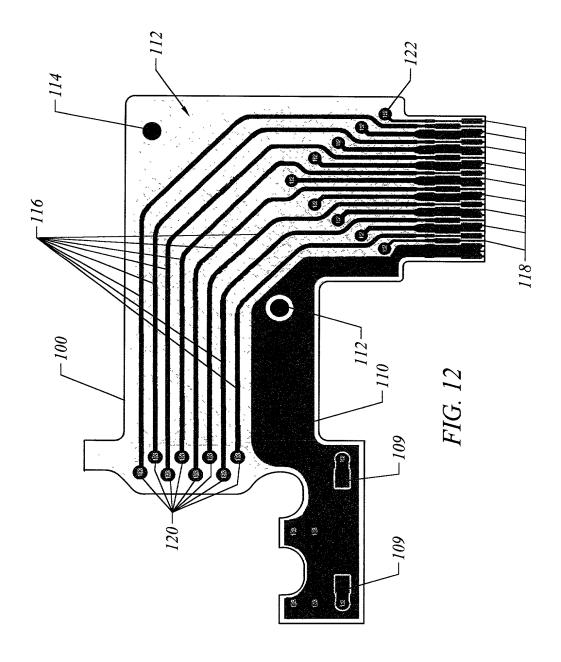
Simulation Results for 75 ohms Transmission Line-Amount of Reflection with a Transmission Line 75 ohms Plotted on a Smith Chart

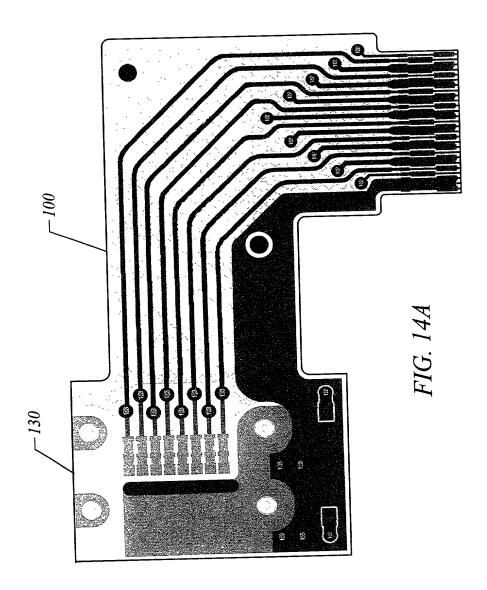


Simulation Results for 75 ohm Transmission Line - Isolation Between Traces

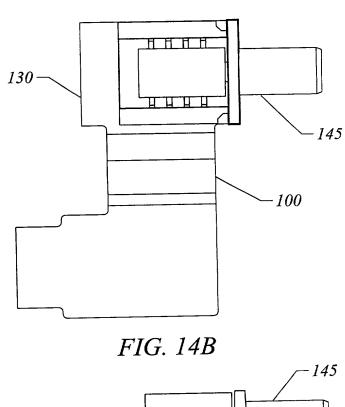


Cross Hatch Utilized on Ground Plane $FIG.\ 11$





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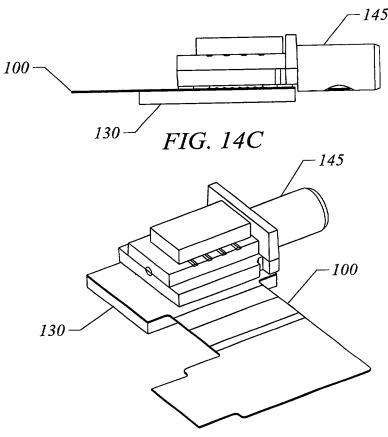


FIG. 14D

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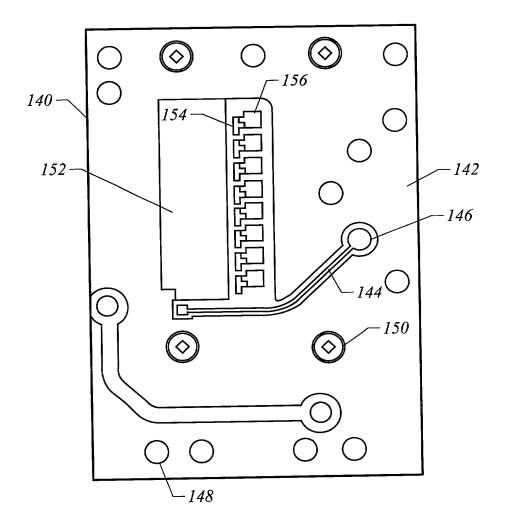
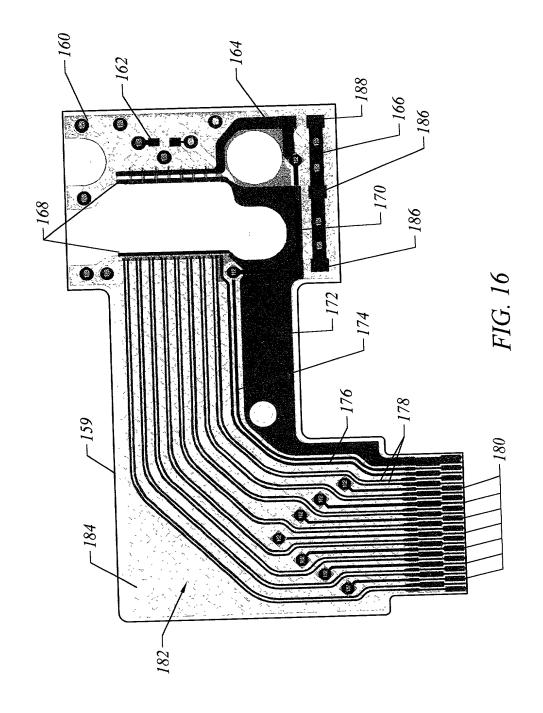


FIG. 15



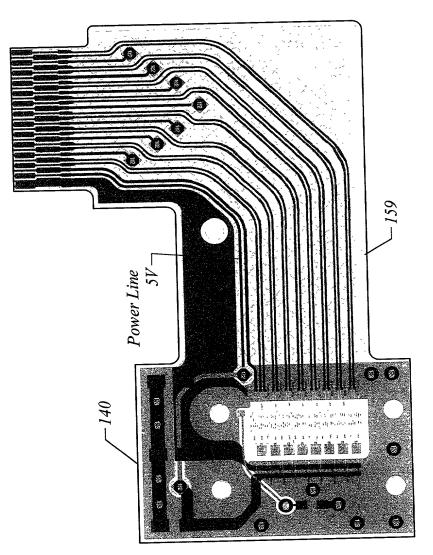


FIG. 17A

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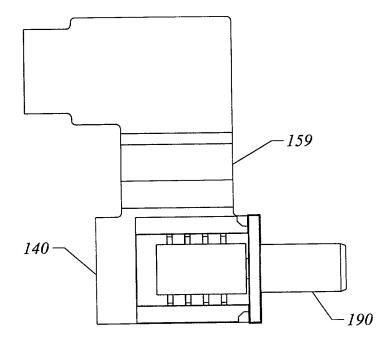
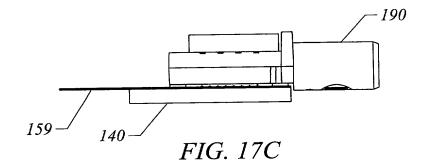


FIG. 17B



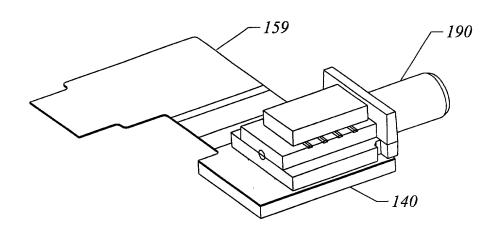


FIG. 17D

